

Instructions for ABE CSR Appendix 14

Additional Cost for JPL PM and Systems Engineering

After the ABE proposal was received, the Office of Space Science (OSS) decided that if project management and end-to-end systems engineering are to be implemented from a NASA Center, then these functions must be performed by either the Jet Propulsion Laboratory (JPL) or the Goddard Space Flight Center. OSS has also decided to provide ABE with cost cap relief to cover the cost of this new requirement. The purpose of this appendix of the Concept Study Report (CSR) is to justify this additional cost in enough detail so that the Technical Management Cost and Other factors evaluation panel can evaluate its validity. There is no page limit for this appendix, but data must be presented in the format described in these instructions; be brief and concise.

This appendix must include a summary of additional costs in \$FY02 dollars as shown in the following table with reference to the Work Breakdown Structure (WBS) included in the CSR.

Cost Differential Summary

Cost Element	JPL	ARC	Difference
Direct Labor			
1.1 Project Management			
2.0 Systems Engineering			
<Other WBS # & Description>			
Subcontract Costs			
1.1 Project Management			
2.0 Systems Engineering			
<Other WBS # & Description>			
Materials and Equipment Costs			
1.1 Project Management			
2.0 Systems Engineering			
<Other WBS # & Description>			
Reserves			
1.1 Project Management			
2.0 Systems Engineering			
<Other WBS # & Description>			
Other Costs			
1.1 Project Management			
2.0 Systems Engineering			
<Other WBS # & Description>			
Totals			

The JPL column should list the value of cost elements with JPL as a partner. The Ames Research Center (ARC) column should list the value of cost elements without JPL as a

partner. The difference column is the result of subtracting the ARC column from the JPL column.

This appendix must also include an explanation for the difference in value of each of the cost elements listed in the table. For example, the difference in the direct labor cost might be the result of changes in personnel and the processes they must follow. However, the differences listed must be required by the transfer of the ARC portions of project management and end-to-end systems engineering to JPL. In other words, the additional cost can not be for ABE to “get well” or fix problems in the original proposal.

Discussion of differences should include descriptions of any changes required to address JPL design principles, mission assurance practices, and other organization-unique processes. Differences due to JPL burdens and taxes should be clearly identified.